

Table A-16. Federal funds for industrial R&D performance in the U.S., by selected Federal agency and selected industry:
1997–2000

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Industry and Federal agency	NAICS codes	1997	1998	1999 ¹	2000
		[In millions of dollars]			
All agencies ²		23,928	24,164	22,535	19,118
Chemicals	325	107	236	194	150
Machinery	333	141	(D)	(S)	399
Computer and electronic products	334	4,291	6,336	5,993	5,544
Electrical equipment, appliances, and components	335	160	141	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	(D)	716	(D)
Aerospace products and parts	3364	10,904	9,838	9,117	6,424
Other industries ³	--	6,527	6,417	5,686	5,992
DoD					
Total ²		(S) 12,603	13,709	(S) 11,650	(S) 11,142
Chemicals	325	(S) 35	(S) 35	(S) 81	(D)
Machinery	333	13	(D)	(D)	(S) 1
Computer and electronic products	334	4,087	6,185	(S) 5,481	5,108
Electrical equipment, appliances, and components	335	(D)	(D)	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	(D)	(D)	(S) 544
Aerospace products and parts	3364	(S) 5,196	5,055	4,076	(S) 2,733
Other industries ³	--	2,060	2,145	(S) 1,322	2,435
NASA					
Total ²		(S) 2,022	(S) 1,522	(S) 1,469	(S) 1,328
Chemicals	325	(S) 7	(S) 7	(D)	0
Machinery	333	(D)	(D)	(D)	(S) 0
Computer and electronic products	334	(S) 86	(S) 93	(S) 267	(D)
Electrical equipment, appliances, and components	335	(D)	(D)	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	0	(D)	(D)
Aerospace products and parts	3364	(S) 1,102	977	566	314
Other industries ³	--	738	323	(S) 457	554
DOE					
Total ²		(S) 2,505	(S) 1,998	2,209	1,455
Chemicals	325	(S) 10	(S) 10	(D)	(S) 19
Machinery	333	30	(D)	(D)	(S) 28
Computer and electronic products	334	(D)	(S) 22	(D)	0
Electrical equipment, appliances, and components	335	(D)	(D)	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	1	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	0	0	0
Aerospace products and parts	3364	(S) 1,336	(S) 1,173	1,778	1,234
Other industries ³	--	968	672	(S) 255	159

See explanatory information and SOURCE at end of table

**Table A-16. Federal funds for industrial R&D performance in the U.S., by selected Federal agency and selected industry:
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¹ Some statistics for 1999 have been revised since originally published.

² The totals for "all agencies" prior to 1999 are identical to the corresponding totals previously published using the Standard Industrial Classification (SIC) system. Detail published using the North American Industry Classification System (NAICS) may not add to the totals. See the 'NOTES' below.

³ Estimates for all manufacturing companies with at least 5 but with fewer than 50 employees and nonmanufacturing companies with at least 5 but with fewer than 15 employees are combined with those for companies in 'Other industries' without regard to industry classification.

KEY: (D) = Data have been withheld to avoid disclosing operations of individual companies.

(S) = Indicates imputation of more than 50 percent.

(--) = All NAICS codes other than those specified.

NOTES: Starting with the 1999 survey, estimates are based on the North American Industry Classification System (NAICS). In prior years, estimates were based on the Standard Industrial Classification (SIC) system. For this table, companies in the 1997 and 1998 surveys were assigned NAICS industry codes based on their SIC industry codes. Consequently, the estimates for 1997 and 1998 in this table are not necessarily representative of the NAICS categories of industries in those years. They are included for comparison purposes only.

Data for DoD, NASA, and DOE do not sum to the totals because the data reported by other Federal agencies are included in the totals but not shown separately. In addition, Federal R&D data collected on the Form RD-1A are not allocated by agency type.

During data collection, if exact figures were not available, respondents were asked to estimate or apportion R&D costs according to the number of scientists and engineers working on Federal projects and/or the costs of Federal programs. Consequently, statistics in this table may be based on such estimates.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2000